

Abstract of the Disclosure

A projection display apparatus with red (R), green (G), and blue (B) monochromatic cathode ray tubes (CRTs) and three projection lenses, disposed in front of the R, G, and B monochromatic CRTs respectively, along with a screen having a predetermined curvature concave in a view direction to control a view distance and focus the light rays projected from the respective projection lenses. The screen includes a Fresnel screen converting the light rays incident from the projection lenses to have predetermined optical directional characteristics in an optical axis direction, and a Lenticular screen, disposed in front of the Fresnel screen and having a curvature corresponding to the Fresnel screen, for forming images from the light rays passing through the Fresnel screen, controlling a view angle, and enhancing an entire screen luminance. The view distance is determined based on a focal length and a curvature radius of the Fresnel screen.